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TI Polypropylene molding compositions

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DT Patent

LA Japanese

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AB polypropylene (I) [9003-07-0]-based moldings having good molding and coating processability contain unsatd. acid-grafted I, 0.5-30% petroleum resins, and 10-60% of inorg. fillers having aspect ratio .gtoreq.3 with or without glass fibers. Thus, a compn. of maleic anhydride (II)-grafted I (0.6 II units) 5, I 40, Hiresin 2P (petroleum resin) 10, and mica (aspect ratio 13) 45 parts was extruded, pelletized, and injection molded to give test pieces having adhesion of an acrylic coating (cross-cut test) 100/100, flexural strength 20,500 kg/cm<sup>2</sup>, and warp (260-77-diam. .times. 2-mm disk) 1.2% (based on diam.), compared with 10/100, 9000, and 1.8, resp., for a similar compn. contg. CaCO<sub>3</sub> instead of mica.

IT Coating materials  
(acrylic polymers, adhesion of, to polypropylene moldings contg. unsatd. acid-grafted polypropylene-petroleum resin-mica compns.)

IT Petroleum resins  
RL: USES (Uses)  
(polypropylene molding compns. contg. unsatd. acid-modified polypropylene and mica and)

IT Mica-group minerals, uses and miscellaneous  
RL: USES (Uses)  
(polypropylene molding compns. contg. unsatd. acid-modified polypropylene and petroleum resin and)

IT Plastics, molded  
RL: USES (Uses)  
(polypropylene-unsatd. acid-grafted polypropylene-petroleum resin-mica compns.)

IT 9010-79-1  
RL: USES (Uses)  
(block, molding compns., contg. unsatd. acid-grafted polypropylene-petroleum resin-mica compns.)

IT 25214-24-8 25722-45-6  
RL: USES (Uses)  
(graft, polypropylene molding compns. contg. petroleum resin and mica and)

IT 9003-07-0  
RL: USES (Uses)  
(molding compns., contg. unsatd. acid-grafted polypropylene-petroleum resin-mica compns.)